

## ABSTRACT

A surface treatment method of treating a surface having structural bodies formed thereon using a supercritical fluid 5 (4) is characterized in adding a co-solvent or a reactant (5) such as ammonium hydroxide, alkanolamine, amine fluoride, hydrofluoric acid and so forth to the supercritical fluid (4). The supercritical fluid (4) may also be added with a surfactant 10 (6) together with the co-solvent or the reactant (5). It is allowable to use a polar solvent as the surfactant (6).

This makes it possible to provide a surface treatment method capable of thoroughly removing the residue only by a treatment using the supercritical fluid.